

# Electronic Information Disclosure Statement



## Authenticated Code Module

Application:   
10/039595

Confirmation: 2224

Applicant(s): Andrew Glew

Docket Number: 042390P13735

Group Art Unit:

Examiner: Unassigned

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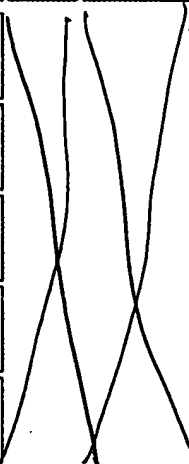




OCT 15 2002

Technology Center 2100

search string: (4,278,837 or 4,307,214 or 4,366,537 or 4,521,852 or 5,075,842 or 5,022,077 or 5,255,379 or 5,293,424 or 5,421,006 or 5,459,869 or 5,473,692 or 5,479,509 or 5,568,552 or 5,615,263 or 5,657,445 or 5,717,903 or 5,729,760 or 5,764,969 or 5,796,845 or 5,805,712 or 5,835,594 or 5,844,986 or 5,890,189 or 5,937,063 or 5,978,481 or 5,987,557 or 6,014,745 or 6,058,478 or 6,158,546 or 6,175,925 or 6,178,509 or 6,205,550 or 6,282,651 or 6,282,657 or 20010037450 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
CO	P01	4,278,837	1981-07-14		Best		
CO	P02	4,307,214	1977-07-19		Birney, et al.		
CO	P03	4,366,537	1982-12-28		Heller, et al.		
CO	P04	4,521,852	1985-06-04		Guttag		
CO	P05	5,075,842	1991-12-24		Lai		

CO9	P06	5,022,077	1991-06-04		Bealkowski, et al.
CO9	P07	5,255,379	1993-10-19		Melo
CO9	P08	5,293,424	1994-03-08		Hotley, et al.
CO9	P09	5,421,006	1995-05-30		Jablon, et al
CO9	P10	5,459,869	1995-10-17		Spilo
CO9	P11	5,473,692	1995-12-05		Davis
CO9	P12	5,479,509	1995-12-26		Ugon
CO9	P13	5,568,552	1996-12-22		Davis
CO9	P14	5,615,263	1997-03-25		Takahashi
CO9	P15	5,657,445	1997-08-12		Pearce
CO9	P16	5,717,903	1998-02-10		Bonola
CO9	P17	5,729,760	1998-03-17		Poisner
CO9	P18	5,764,969	1998-06-09		Kahle, et al.
CO9	P19	5,796,845	1998-08-18		Serikawa, et al.
CO9	P20	5,805,712	1998-09-08		Davis
CO9	P21	5,835,594	1998-11-10		Albrecht, et al.
CO9	P22	5,844,986	1998-12-01		Davis
CO9	P23	5,890,189	1999-03-03		Nozue, et al.
CO9	P24	5,937,063	1999-08-10		Davis

<del>COA</del>	P25	5,978,481	1999-11-02		Ganesan, et al.
<del>COA</del>	P26	5,987,557	1999-11-16		Ebrahim
<del>COA</del>	P27	6,014,745	2000-01-11		Ashe
<del>COA</del>	P28	6,058,478	2000-05-02		Davis
<del>COA</del>	P29	6,158,546	2000-12-12		Hanson, et al.
<del>COA</del>	P30	6,175,925	2001-01-16		Nardone, et al.
<del>COA</del>	P31	6,178,509	2001-01-23		Nardone, et al.
<del>COA</del>	P32	6,205,550	2001-03-20		Nardone, et al.
<del>COA</del>	P33	6,282,651	2001-08-28		Ashe
<del>COA</del>	P34	6,282,657	2001-08-28		Kaplan, et al.

### Published Applications

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
<del>COA</del>	U01	20010037450	2001-11-01		Metlitski, et al.		

### Remarks

(Remarks are not for responding to an office action.)

Applicants, in accordance with their duty of disclosure under 37 CFR 1.56 and in accordance with 37 CFR 1.97(b)(3), hereby submit this Electronic Information Disclosure Statement citing U.S. Patent Documents for consideration by the Examiner. \* Pursuant to 37 CFR 1.97, the submission of this Electronic Information Disclosure Statement is not to be construed as a representation that a search

has been made and is not to be construed as an admission that the information cited in this statement is material to patentability. \* This Information Disclosure Statement is being filed prior to a substantive examination of the claims. Pursuant to 37 CFR 1.97(b), no fee should be required for the filing of this Information Disclosure Statement. In the event it is determined that a fee is due, please charge the fee to Deposit Account 02-2666. \* Applicants respectfully requests that the cited documents be considered and that the form be initialed by the Examiner to indicate such consideration and a copy thereof be returned to Applicants' attorney of record. \*

### Signature

Examiner Name	Date
<i>Courtney D. Fields</i>	8/1/2005



Substitute for Form 1449A/PTO (Modified)

Complete if Known

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Application Number	10/039,595
Filing Date	December 31, 2001
First Named Inventor:	Andrew F. Glew
Group Art Unit	2131
Examiner Name	Unassigned
Attorney Docket Number	042390P13735

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NOV 15 2002  
Technology Center 2100

NOV 12 2002  
PATENT & TRADEMARK OFFICE

Sheet of 2

**OTHER ART - NO PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
COJ	A	HEINRICH, J., "MIPS R4000 Microprocessor User's Manual, "April 1, 1993, MIPS, MT. VIEW, XP002184449, pp. 61-97.	
COJ	B	"M68040 USER'S MANUAL," 1993, MOTOROLA, INC., pp. 1-20	
COJ	C	"INTEL 386 DX MICROPROCESSOR 32-BIT CHMOS MICROPROCESSOR WITH INTEGRATED MEMORY MANAGEMENT," 12/31/95, INTEL, INC., pp. 32-56; figures 4-14	
COJ	D	BERG, C., "HOW DO I CREATE A SIGNED APPLLET?," DR. DOBB'S JOURNAL, M&T Publ., Redwood City, CA, US, Vol. 22, No. 8, 8/97, pp. 109-111, 122	
COJ	E	GONG, L., et al., "GOING BEYOND THE SANDBOX: AN OVERVIEW OF THE NEW SECURITY ARCHITECTURE IN THE JAVA DEVELOPMENT KIT 1.2," Proceedings of the Usenix Symposium on the Internet Technologies and Systems, Monterrey, CA 12/97, pp. 103-112.	
COJ	F	GOLDBERG, R., "Survey of virtual machine research," IEEE Computer Magazine 7(6), pp. 34-45, 1974.	
COJ	G	GUM, P.H., "System/370 Extended Architecture: Facilities for Virtual Machines," IBM J. Research Development, Vol 27, Number 6, pp. 530-544, November 1983	
COJ	H	ROSENBLUM, M. "Vmware's Virtual Platform: A Virtual Machine Monitor for Commodity PCs," Proceedings of the 11th Hotchips Conference, pp. 185-196, August 1999.	
COJ	I	LAWTON, K., "Running Multiple Operating Systems Concurrently on an IA32 PC Using Virtualization Techniques," <a href="http://www.plex86.org/research/paper.txt">http://www.plex86.org/research/paper.txt</a> ; 8/9/2001; pp. 1-31.	
COJ	J	"Trust Computing Platform Alliance (TCPA)," Main Specification Version 1.1a, Compaq Computer Corporation, Hewlett-Packard Company, IBM Corporation, Intel Corporation, Microsoft Corporation, December 2001.	

Examiner Signature	Courtney J. Fields	Date Considered	8/1/2005
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

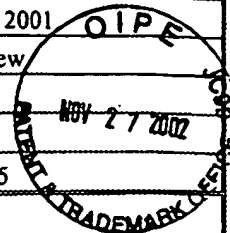
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.







Substitute for Form 1449A/PTO (Modified) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number	10/039,595	
Sheet		1	of	2	Filing Date	December 31, 2001
					First Named Inventor:	Andrew F. Glew
					Group Art Unit	2131
					Examiner Name	Unassigned
					Attorney Docket Number	042390P13735



U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
CO9		5,455,909		Blomgren, et al.	10/3/1995	

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FOREIGN PATENT DOCUMENTS							
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (If known)				
CO9			EP0600112	Seimens Nixdorf Information Systeme	08/06/1994		
CO9			WO9844402	PCT	10/08/1998		
CO9			WO9905600	PCT	02/04/1999		
CO9			WO9909482	Seimens Nixdorf Information Systeme	02/25/1999		
CO9			WO9957863	PCT	11/11/1999		
CO9			WO0062232	PCT	10/19/2000		
CO9			EP1146715	EP	10/17/2001		
CO9			EP0930567A	Texas Instruments	07/21/1999		
CO9			WO9834365A	AT&T Corporation	08/06/1998		

Examiner Signature	<i>Courtney R. Fields</i>	Date Considered	8/1/2005
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



# Electronic Information Disclosure Statement

## Authenticated Code Module

Application:   
10/039595

Confirmation: 2224

Applicant(s): Andrew Glew

Docket Number: 42390.P13735

Group Art Unit: 2131

Examiner: Unassigned

search string: (4037214 or 5079737 or 5386552 or 5628022 or 5737760 or 5757919 or 5852717 or 5872994 or 6055637 or 6085296 or 6125430 or 6148379 or 6192455 or 6249872 or 6272533 or 6292874 or 6301646 or 6321314 or 6339815 or 6339816 or 6499123 or 6505279 or 20010021969 or 20010027527 ).pn.

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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
<i>CO2</i>	P01	4037214	1977-07-19		Birney, et al.		
<i>CO2</i>	P02	5079737	1992-01-07		Hackbarth		
<i>CO2</i>	P03	5386552	1995-01-31		Garney		
<i>CO2</i>	P04	5628022	1997-05-06		Ueno, et al.		
<i>CO2</i>	P05	5737760	1998-04-07		Grimmer, Jr., et al.		

COA	P06	5757919	1998-05-26	Herbert, et al.
COA	P07	5852717	1998-12-22	Bhide, et al.
COA	P08	5872994	1999-02-16	Akiyama, et al.
COA	P09	6055637	2000-04-25	Hudson, et al.
COA	P10	6085296	2000-07-04	Karkhanis, et al.
COA	P11	6125430	2000-09-26	Noel, et al.
COA	P12	6148379	2000-11-14	Schimmel
COA	P13	6192455	2001-02-20	Bogin, et al.
COA	P14	6249872	2001-06-19	Wildgrube, et al.
COA	P15	6272533	2001-08-07	Browne
COA	P16	6292874	2001-09-18	Barnett
COA	P17	6301646	2001-10-09	Hostetter
COA	P18	6321314	2001-11-20	Van Dyke
COA	P19	6339815	2002-01-15	Feng, et al.
COA	P20	6339816	2002-01-15	Bausch
COA	P21	6499123	2002-12-24	McFarland, et al.
COA	P22	6505279	2003-01-07	Phillips, et al.

## Published Applications

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
CO1	U01	20010021969	2001-09-13		Burger, et al.	<del>X</del>	<del>X</del>
CO2	U02	20010027527	2001-10-04		Khidekel, et al.		

## Remarks

(Remarks are not for responding to an office action.)

Applicants, in accordance with their duty of disclosure under 37 CFR 1.56 and in accordance with 37 CFR 1.97(b)(3), hereby submit this Electronic Information Disclosure Statement citing U.S. Patent Documents for consideration by the Examiner. Pursuant to 37 CFR 1.97, the submission of this Electronic Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability. This Electronic Information Disclosure Statement is being filed prior to a substantive examination of the claims. Pursuant to 37 CFR 1.97(b), no fee should be required for the filing of this Electronic Information Disclosure Statement. In the event it is determined that a fee is due, please charge the fee to Deposit Account 02-2666. Applicants respectfully request that the cited documents be considered and that the form be initialed by the Examiner to indicate such consideration and a copy thereof be returned to Applicants' attorney of record.

## Signature

Examiner Name	Date
<i>Courtney L. Fields</i>	8/1/2005





**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18  
Stylesheet Version v18.0

<b>Title of Invention</b>	<b>Authenticated Code Module</b>
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AUG 25 2003

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Application Number: 10/039595  
Confirmation Number: 2224  
First Named Applicant: Andrew Glew  
Attorney Docket Number: 42P13735  
Art Unit: 2131  
Examiner: Unknown Unknown  
Search string: ( 4247905 or 4347565 or 5319760 or 5437033 or 5511217 or 5522075 or 5737604 or 5854913 or 6075938 or 6182089 or 6272637 or 6314409 or 6374317 or 6397242 ).pn.

**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CA	1	4247905	1981-01-27	Yoshida, Yukihiro , et al.			
CA	2	4347565	1982-08-31	Kaneda, Saburo , et al.			
CA	3	5319760	1994-06-07	Mason, Andrew H., et al.			
CA	4	5437033	1995-07-25	Inoue, Taro , et al.			
CA	5	5511217	1996-04-23	Nakajima, Atsushi , et al.			
CA	6	5522075	1996-05-28	Robinson, Paul T., et al.			
CA	7	5737604	1998-04-07	Miller, David A., et al.			
CA	8	5854913	1998-12-29	Goetz, John W., et al.			
CA	9	6075938	2000-06-13	Bugnion, Edouard , et al.			
CA	10	6182089	2001-01-30	Ganapathy, Narayanan , et al.			
CA	11	6272637	2001-08-07	Little, Wendell L., et al.			
CA	12	6314409	2001-11-06	Schneck, Paul B., et al.			
CA	13	6374317	2002-04-16	Ajanovic, Jasmin , et al.			
CA	14	6397242	2002-05-28	Devine, Scott W., et al.			

Remarks

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Signature

Examiner Name	Date
Courtney D. Fields	8/1/2005

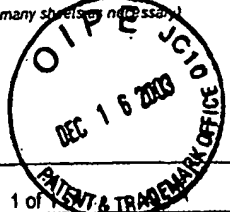






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Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
 (Use as many sheets as necessary)



Complete if Known

Application Number	10/039595
Filing Date	December 31, 2001
First Named Inventor	Glew, Andrew F.
Group Art Unit	2134
Examiner Name	Morse, Gregory Allan
Attorney Docket No: 42P13735	

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Sheet 1 of 1

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**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
COJ	DE-DE4217444	12/03/1992	Toyohisa, Imada, et al.			
COJ	EP-EP0473913	03/11/1992	Farrell, Joel A.			abs

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
COJ		BRANDS, STEFAN, "Restrictive Blinding of Secret-Key Certificates", <u>SPRINGER-VERLAG XP002201306</u> , (1995), Chapter 3	
COJ		DAVIDA, GEORGE I., et al., "Defending Systems Against Viruses through Cryptographic Authentication", <u>Proceedings of the Symposium on Security and Privacy</u> , IEEE Comp. Soc. Press, ISBN 0-8186-1939-2, (May 1989)	
COJ		KASHIWAGI, KAZUHIKO, et al., "Design and Implementation of Dynamically Reconstructing System Software", <u>Software Engineering Conference</u> , Proceedings 1996 Asia-Pacific Seoul, South Korea 4-7 Dec. 1996, Los Alamitos, CA USA, IEEE Comput. Soc, US, ISBN 0-8186-7638-8, (1996)	
COJ		LUKE, JAHN, et al., "Replacement Strategy for Aging Avionics Computers", <u>IEEE AES Systems Magazine</u> , XP002190614, (March 1999)	
COJ		MENEZES, OORSCHOT, "Handbook of Applied Cryptography", <u>CRC Press LLC, USA XP002201307</u> , (1997), 475	
COJ		RICHT, STEFAN, et al., "In-Circuit-Emulator Wird Echtzeittauglich", <u>Elektronik</u> , Franzis Verlag GMBH, Munchen, DE, Vol. 40, No. 16, XP000259620, (100-103), 8-6-1991	
COJ		SAEZ, SERGIO, et al., "A Hardware Scheduler for Complex Real-Time Systems", <u>Proceedings of the IEEE International Symposium on Industrial Electronics</u> , XP002190615, (July 1999), 43-48	
COJ		SHERWOOD, TIMOTHY, et al., "Patchable Instruction ROM Architecture", Department of Computer Science and Engineering, University of California, San Diego, La Jolla, CA, (Nov. 2001)	

EXAMINER

*Courtney Q. Fields*

DATE CONSIDERED

*8/1/2005*

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citations in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional): Applicant is to place a check mark here if English language Translation is attached



**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18  
 Stylesheet Version v18.0

<b>Title of Invention</b>	<b>Authentication Code Moldule</b>
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Application Number: 10/039595  
 Confirmation Number: 2224  
 First Named Applicant: Andrew Glew  
 Attorney Docket Number: 42P13735  
 Art Unit: 2136  
 Examiner: Kim Y. Vu  
 Search string: ( 20030018892 or 3996449 or 4162536 or 4276594 or 4307447 or 4319323 or 4430709 or 4759064 or 4795893 or 4802084 or 4825052 or 4907270 or 4907272 or 4910774 or 4975836 or 5007082 or 5187802 or 5230069 or 5295251 or 5317705 or 5361375 or 5434999 or 5442645 or 5459867 or 5469557 or 5504922 or 5506975 or 5528231 or 5533126 or 5555385 or 5555414 or 5564040 or 5566323 or 5574936 or 5582717 or 5606617 or 5720609 or 5721222 or 5796835 or 5825875 or 5867577 or 5900606 or 5901225 or 5903752 or 5956408 or 5970147 or 5978475 or 6044478 or 6061794 or 6088262 or 6092095 or 6115816 or 6173417 or 6175924 or 6188257 or 6212635 or 6222923 or 6252650 or 6269392 or 6275933 or 6282650 or 6308270 or 6330670 or 6357004 or 6363485 or 6374286 or 6378068 or 6378072 or 6389537 or 6412035 or 6421702 or 6435416 or 6445797 or 6463535 or 6463537 or 6507904 or 6535988 or 6557104 or 6633963 or 6633981 ).pn.



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**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
12	1	20030018892	2003-01-23	Tello, Jose			
12	2	3996449	1976-12-07	Attanasio, Clement R., et al.			
12	3	4162536	1979-07-24	Morley, Richard E.			

CA	4	4276594	1981-06-30	Morley, Richard E.
CA	5	4307447	1981-12-22	Provanzano, Salvatore R., et al.
CA	6	4319323	1982-03-09	Ermolovich, Thomas R., et al.
CA	7	4430709	1984-02-07	Schleupen, Richard , et al.
CA	8	4759064	1988-07-19	Chaum, David L.
CA	9	4795893	1989-01-03	Ugon, Michael
CA	10	4802084	1989-01-31	Ikegaya, Hiroshi , et al.
CA	11	4825052	1989-04-25	Chemin, Francois , et al.
CA	12	4907270	1990-03-06	Hazard, Michel
CA	13	4907272	1990-03-06	Hazard, Michel
CA	14	4910774	1990-03-20	Barakat, Simon
CA	15	4975836	1990-12-04	Hirosawa, Toshio , et al.
CA	16	5007082	1991-04-09	Cummins, Mary T.
CA	17	5187802	1993-02-16	Inoue, Taro , et al.
CA	18	5230069	1993-02-16	Brelsford, David P., et al.
CA	19	5295251	1994-03-15	Wakui, Fujio , et al.
CA	20	5317705	1994-05-31	Gannon, Patrick M., et al.
CA	21	5361375	1994-11-01	Ogi, Yoshifumi
CA	22	5434999	1995-07-18	Goire, Christian , et al.
CA	23	5442645	1995-08-15	Ugon, Michel , et al.
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Application Number	10/039595
Filing Date	December 21, 2001
First Named Inventor	Glew, Andrew
Group Art Unit	Unknown
Examiner Name	Unknown

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Application Number	10/039,595
Filing Date	December 21, 2001
First Named Inventor	Glew, Andrew
Group Art Unit	2136
Examiner Name	Vu, Kim

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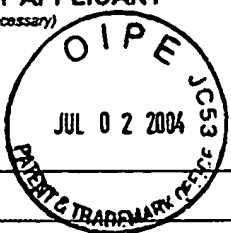
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